

Appendix B: Location, installation and performance data from review of cable median barrier installations in Washington state

The data sheets that follow contain information about each location where cable median barrier was installed or under construction along Washington state highways at the end of 2007. The before-and-after collision data shows the number of crashes, by severity, that occurred in the median and crossed the median in each location before and after cable median barriers were installed.

WSDOT reviewed five years of data from crashes that occurred before cable median barrier was installed in each location, with the exception of I-5 in Marysville. Only 2 ½ years of before cable data is available for this location, because it was the first location where cable median barrier was installed in Washington state. Data ranges from crashes after cable median barrier was installed from a few months to a few years because all available data was included in the analysis. The barrier was installed at different times in each location.

Data also is presented for four representative highway sections where concrete barrier is in place. For these sections, data is presented only for crashes that occurred after concrete median barrier was installed because some of the concrete barriers have been in place for over 20 years.

All collision data was obtained by reviewing the collision history provided by the WSDOT Transportation data Office and by reviewing WSP collision reports for all collisions that occurred after barrier was installed. Overall, WSDOT staff reviewed data from more than 10,300 collisions and examined more than 3,000 individual collision reports.